

Claims

1. A detergent composition comprising the following components (a), (b) and (c):

(a) an anionic surfactant,

5 (b) a water soluble cationized polymer having a weight average molecular weight of from 100,000 to 2,000,000 and a charge density of from 0.6 to 4 meq/g, and

(c) a silicone derivative having a group containing both a hydroxy group and a nitrogen atom as a side chain
10 thereof bonded to a silicon atom.

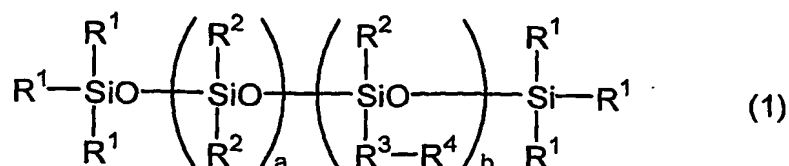
2. The detergent composition of Claim 1, wherein the weight ratio of Component (b) and Component (c), (b)/(c), falls within a range of from 1/10 to 10.

3. The detergent composition of Claim 1, wherein the
15 anionic surfactant as Component (a) is selected from the group consisting of alkyl sulfates, polyoxyalkylene alkyl ether sulfates, polyoxyalkylene alkenyl ether sulfates, alkyl sulfosuccinates, polyoxyalkylene alkyl
sulfosuccinates, polyoxyalkylene alkylphenyl ether sulfates,
20 higher fatty acid salts, and mixtures thereof.

4. The detergent composition of Claim 1, wherein the polymer as Component (b) has a weight average molecular weight of from 300,000 to 1,800,000 and has a charge density of from 0.6 to 3 meq/g.

5. The detergent composition of Claim 1, wherein the polymer as Component (b) is selected from the group consisting of cationized cellulose derivatives, cationic starch, cationized guar gum derivatives, homopolymers of diallyl quaternary ammonium salts, diallyl quaternary ammonium salt/acrylamide copolymers, quaternized polyvinylpyrrolidone derivatives, polyglycol polyamine condensates, vinylimidazolium trichloride/vinylpyrrolidone copolymers, hydroxyethyl cellulose/dimethyldiallylammonium chloride copolymers, vinylpyrrolidone/quaternized dimethylaminoethyl methacrylate copolymers, polyvinylpyrrolidone/alkylamino acrylate copolymers, polyvinylpyrrolidone/alkylamino acrylate/vinylcaprolactam copolymers, vinylpyrrolidone/methacrylamidopropyl trimethylammonium chloride copolymers, alkylacrylamide/acrylate/alkylaminoalkylacrylamide/polyethylene glycol methacrylate copolymers, adipic acid/dimethylaminohydroxypropyl ethylenetriamine copolymer, and mixtures thereof.

6. The detergent composition of Claim 1, wherein the silicone derivative as Component (c) is represented by the following average formula (1) below:

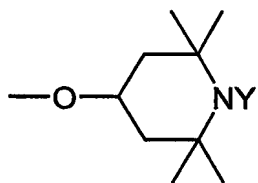


wherein, R^1 s each independently represents a monovalent hydrocarbon group, a hydroxy group or an alkoxy group,

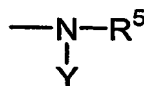
R^2 each independently represents a monovalent hydrocarbon group,

5 R^3 each independently represents a divalent C_{1-10} hydrocarbon group,

R^4 each independently represents a group represented by the following formula (2) or (3):



(2)



(3)

10 wherein, Y each independently represents a hydrogen atom or a group: $-CH_2CH(OH)-R^3-OH$ (R^3 has the same meaning as described above), R^5 each independently represents a hydrogen atom or a group $-R^3NY_2$ (Y and R^3 have the same meanings as described above), with the proviso that all the
15 Ys do not represent a hydrogen atom simultaneously,

a stands for a number of from 25 to 1,000, and

b stands for a number of from 1 to 200.

7. The detergent composition of Claim 2, wherein the ratio is from 1/5 to 5.

20 8. A detergent composition comprising the following components (a), (b) and (c):

(a) from 0.5% to 60 wt.% of an anionic surfactant,

(b) from 0.01% to 3 wt.% of a water soluble

cationized polymer having a weight average molecular weight
of from 100,000 to 2,000,000 and a charge density of from

5 0.6 to 4 meq/g, and

(c) from 0.05% to 4 wt.% of a silicone derivative

having a group containing both a hydroxy group and a
nitrogen atom as a side chain thereof bonded to a silicon
atom.

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